Index of Claims



Application/Control No.

10/609,426

Date

Examiner

Joseph E. Avellind

Applicant(s)/Patent under Reexamination

OESTERREICHER ET AL.
Art Unit

2143

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| Ŀ | Restricted                     |

Claim

| N | Non-Elected  |
|---|--------------|
| Ţ | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla  | Date                                       |  |                |              |          |  |          |          |                |                        |  |
|--|--|--|----------------|--------------|----------|--|----------|----------|----------------|------------------------|--|
| Final  | Original                                   | 12/11/06                                 |                |              |          |  |          |          |                |                        |  |
|  | 1  | 1  |                | t            | ⇈        | T  |          | $\vdash$ |                | <b>†</b>               |  |
|  | 2  | 1  |                | 1            |          | Т  |          |          |                |                        |  |
|  | 3  | V  |                |              |          |  |          |          |                |                        |  |
|  | 1<br>2<br>3<br>4<br>5<br>6                 | V  |                |              |          |  |          |          |                |                        |  |
| <u> </u>   | 5  | 1  |                | <u> </u>     |          | <u> </u>   | L        |          | <u> </u>       |                        |  |
|  | 6  | V  | <u> </u>       | _            | <u> </u> | _  | <u> </u> | <u> </u> | <u> </u>       | _                      |  |
|  | 7  | ファ | <del> </del> — | <u> </u>     | ├-       | ├  | ├_       | -        | <u> </u>       | _                      |  |
| -  | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15 | . V                                      | ├              | ├            | ⊢        | ⊢  | <u> </u> | -        | <del> </del>   | <b></b>                |  |
|  | 10   | 1  | -              | ├            | <u> </u> | ┢  | ╀        | -        | ├              | -                      |  |
|  | 11   | ij                                       |                | ⊢            | $\vdash$ | ╁  | ╁        | ┢        | ┼              | $\vdash$               |  |
| <del>                                     </del> | 12   | ij                                       | ┢              | ┢            |          | <del>                                     </del> | $\vdash$ | ┢        | ╁              | $\vdash$               |  |
| <del> </del>                                     | 13   | Ì  | H              | ┢╾           | -        | $\vdash$   | +-       |          |                |                        |  |
|  | 14   | Ť  |                | $\vdash$     |          |  | $\vdash$ | _        | 1              |                        |  |
|  | 15   | V  |                | _            | H        | T  | Г        | Н        | $\vdash$       | Н                      |  |
|  | 16<br>17<br>18                             | 1  |                |              |          | T  | İ        | T        | t              |                        |  |
|  | 17   | 1  |                | _            |          |  | П        |          |                | П                      |  |
|  | 18   | 1  |                |              |          |  |          |          |                |                        |  |
|  | 19   | 1  |                |              |          |  |          |          |                |                        |  |
|  | 20   | 1  | L              |              |          |  |          |          | $oxed{oxed}$   |                        |  |
|  | 19<br>20<br>21<br>22<br>23                 | 1  | _              | _            |          |  | L.       | <u>L</u> | _              |                        |  |
|  | 22   | 1  |                | _            | _        | L  | _        | _        |                | Ш                      |  |
| ļ  | 23   | 1  |                | _            | _        | _  | _        | _        |                | Ш                      |  |
|  | 24   | V  | <u> </u>       | <del> </del> | -        | ļ  | _        | _        | ├_             | Н                      |  |
|  | 24<br>25<br>26                             | V  | <u> </u>       | -            | _        | -  | ļ        | ⊢        | -              | Н                      |  |
|  | 27   | J  | ┝              | $\vdash$     | -        | <del> </del>                                     |          | ⊢        | -              | Н                      |  |
| -  | 28   | J  | -              | $\vdash$     | _        | -  | -        | -        | <del> </del> - | Н                      |  |
|  | 29   | J  | -              | ┞            | -        |  | $\vdash$ | -        | -              | Н                      |  |
|  | 27<br>28<br>29<br>30                       | 1  | $\vdash$       | ├─           | _        | _  | 1        | -        | -              | Н                      |  |
|  | 31   | 7  | -              | $\vdash$     | <u> </u> |  | H        | -        | 1              | Н                      |  |
|  | 32   | 1  |                |              | $\vdash$ |  | _        |          |                | П                      |  |
|  | 32<br>33                                   |  |                |              |          |  |          |          |                |                        |  |
|  | 34   |  |                |              |          |  |          |          |                |                        |  |
|  | 35<br>36                                   |  |                |              |          |  |          |          |                |                        |  |
| L  | 36   | Ш  |                | L.           | _        | $ldsymbol{f eta}$                                | <u> </u> |          | <u> </u>       | Ш                      |  |
|  | 37   | <u> </u>                                 |                | <u> </u>     | <u> </u> | <u> </u>   | ļ        | _        | <u> </u>       | $\square$              |  |
|  | 38   | $\vdash$                                 | _              | <u> </u>     | <u> </u> | -  | <u> </u> | <u> </u> | $\vdash$       | $\sqcup$               |  |
|  | 39<br>40                                   | <u> </u>                                 | H              | $\vdash$     | <u> </u> |  | -        | $\vdash$ | -              | $\vdash$               |  |
|  | 41   | $\vdash$                                 | -              | -            | H        | <del> </del>                                     | $\vdash$ | -        | $\vdash$       | $\vdash \vdash \vdash$ |  |
|  | 42   | $\vdash$                                 | _              | <del> </del> | H        | ├  | -        | -        | ├              | $\vdash \vdash$        |  |
|  | 43   |  | _              | H            | -        | ⊢  | $\vdash$ | -        | -              | Н                      |  |
|  | 44   | $\vdash$                                 |                | $\vdash$     | -        | -  | -        | $\vdash$ |                | $\vdash$               |  |
|  | 45   | Н  |                |              | _        | -  | $\vdash$ | -        | -              | $\dashv$               |  |
|  | 46   | Н  |                | Н            | _        | T  |          |          |                | $\vdash$               |  |
|  | 47   | П  |                |              | $\vdash$ | Г  |          |          | $\vdash$       | М                      |  |
|  | 48   |  |                |              |          |  |          |          |                | П                      |  |
|  | 49   |  |                |              |          |  |          |          |                |                        |  |
|  |  |  |                |              | _        | _  |          |          | _              |                        |  |

|          |          |   | ,        |          | <u> </u>      | <del></del> | <del>-</del>                                     | _        | _        |          |
|----------|----------|---|----------|----------|---------------|-------------|--|----------|----------|----------|
| Final    | Original |   |          |          |               |             |  |          |          |          |
|          | 51       |   |          |          | $\vdash$      |             | _  |          |          |          |
|          | 52       |   | Г        | Г        | Г             | T           |  | _        |          | Т        |
|          | 53       |   |          | Т        |               | ऻ           | $\vdash$   | 一        | $\vdash$ | $\vdash$ |
|          | 53<br>54 |   |          | İ        | T             | 1           | <del>                                     </del> | Г        | $\vdash$ | П        |
|          | 55       | _ |          | Т        |               | 1           |  |          | $\vdash$ | Г        |
|          | 56       |   |          | Г        | $\overline{}$ |             | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ |
|          | 56<br>57 |   |          |          | Г             |             |  |          |          | $\Box$   |
|          | 58       |   |          |          |               |             |  |          |          |          |
|          | 59       |   |          |          |               | $\vdash$    |  |          | $\vdash$ |          |
|          | 60       |   |          |          |               | $\vdash$    |  |          |          |          |
|          | 61       |   |          |          |               |             |  |          |          |          |
|          | 62       |   |          |          |               |             |  |          |          |          |
|          | 63       |   |          |          |               |             |  |          |          |          |
|          | 64       |   |          |          |               | Г           |  |          |          |          |
|          | 64<br>65 | - |          | Π        | Г             | П           |  |          |          |          |
|          | 66       |   |          |          | Γ             | Г           |  |          |          |          |
|          | 67       |   |          |          | Г             |             |  |          |          |          |
|          | 68       |   |          |          |               |             |  |          |          |          |
|          | 69       |   |          |          |               |             |  |          |          |          |
|          | 70       |   |          |          |               |             |  |          |          |          |
|          | 71       |   |          |          |               |             |  |          |          |          |
|          | 72<br>73 |   |          |          |               |             |  |          |          |          |
| L        | 73       |   |          | L        |               |             |  |          |          |          |
|          | 74       |   | L        | <u> </u> |               | L           |  |          |          |          |
|          | 75<br>76 |   |          | L_       | _             | _           |  |          |          |          |
|          | 76       |   | _        | L.       | <u> </u>      | _           |  |          |          | L        |
| <u> </u> | 77       |   | _        | <u> </u> | <u> </u>      | _           |  |          |          |          |
| <u> </u> | 78       |   |          | _        | <u> </u>      | _           |  |          | _        |          |
| $\vdash$ | 79       |   |          | <u> </u> | <u> </u>      | <u> </u>    |  |          |          |          |
| <b> </b> | 80       |   | _        | <u> </u> | <u> </u>      | _           |  |          | _        |          |
| <u> </u> | 81       |   | _        | <u> </u> | <u> </u>      | <u> </u>    | -  |          | _        |          |
| $\vdash$ | 82       |   | <u> </u> | ├-       | <u> </u>      | ├           |  | Щ        |          | $\vdash$ |
| $\vdash$ | 83<br>84 | _ | -        | -        | $\vdash$      | -           | $\vdash$   | $\vdash$ |          | $\vdash$ |
| -        | 85       |   | H        | -        | H             | $\vdash$    | Н  |          | -        |          |
| $\vdash$ | 86       |   |          | $\vdash$ | _             | $\vdash$    | Н  |          |          | $\vdash$ |
| $\vdash$ | 86<br>87 |   | -        | $\vdash$ | -             | $\vdash$    | $\vdash$   | -        | _        | $\vdash$ |
|          | 88       | _ | -        | $\vdash$ | -             | -           | $\vdash$   | -        | _        | Н        |
| $\vdash$ | 89       |   |          | -        | -             | $\vdash$    | $\vdash$   | $\dashv$ |          | Н        |
| $\vdash$ | 90       | - |          | -        | _             | -           | $\dashv$   | $\vdash$ | -        | Н        |
|          | 91       | _ | -        |          |               |             | $\vdash$   | $\vdash$ |          | $\vdash$ |
| $\vdash$ | 92       |   |          |          |               | $\vdash$    |  | $\vdash$ |          | $\vdash$ |
| $\vdash$ | 92<br>93 | _ |          | $\vdash$ | _             |             |  | Н        |          | H        |
|          | 94       |   |          |          |               |             |  |          |          | П        |
| $\Box$   | 95       |   |          |          |               | П           | $\vdash$   |          | _        | Н        |
| $\Box$   | 96       |   |          |          |               |             |  |          |          | $\Box$   |
|          | 97       |   |          |          |               |             |  |          |          |          |
|          | 98       |   |          |          |               |             |  |          |          |          |
|          | 99       |   |          |          |               |             |  |          |          |          |
|          | 100      |   |          |          |               |             |  |          |          |          |

| Claim    |                   | Date   |  |  |                                     |                |                 |          |          |                 |  |  |
|----------|-------------------|--|--|--|-------------------------------------|----------------|-----------------|----------|----------|-----------------|--|--|
|          |                   | t  | Г  | Г  | T                                   | <u> </u>       | Ť               |          | Γ        | П               |  |  |
| Final    | Original          |  |  |  |                                     |                |                 |          |          |                 |  |  |
|          | 101<br>102        |  |  |  |                                     |                |                 |          |          |                 |  |  |
|          | 102               |  | <u> </u>   | Ļ  | <u> </u>                            | <u> </u>       | $oxed{igspace}$ | <u> </u> | _        |                 |  |  |
|          | 103               | <u> </u>   | <u> </u>   | ļ_   | <del> </del> _                      | <u> </u>       | ┞               | <u> </u> | _        | _               |  |  |
|          | 104<br>105        | <del> </del>                                     | ├  | ┡  | <u> </u>                            | <del> </del> — | <u> </u>        | <u> </u> | <u> </u> | _               |  |  |
|          | 105               | -  |  | -  | -                                   | ⊢              | -               | ⊢        | -        | -               |  |  |
|          | 107               | ├  | ├  | ╁  | $\vdash$                            | ·              | ⊢               | $\vdash$ | -        | H               |  |  |
|          | 108               | $\vdash$   | ├-   | <del>                                     </del> | -                                   | -              | $\vdash$        | 一        | -        | $\vdash$        |  |  |
|          | 109               |  | 1  | $\vdash$   |                                     |                | ┢               | 一        | $\vdash$ |                 |  |  |
|          | 110               |  | $\vdash$   | Г  |                                     |                | İ               |          |          |                 |  |  |
|          | 111               |  |  |  |                                     |                |                 |          |          |                 |  |  |
|          | 112<br>113        |  |  |  |                                     |                |                 |          |          |                 |  |  |
|          | 113               | $\perp$  | L  | _  | _                                   | _              | L               | _        |          |                 |  |  |
|          | 114<br>115<br>116 | _  | _  | _  | _                                   | _              | <u> </u>        | <u> </u> | _        |                 |  |  |
|          | 115               | <u> </u>   | ├  | _  | L                                   | _              | _               | <u> </u> |          | -               |  |  |
|          | 117               | ⊢  | -  | ⊢  | ⊢                                   | ┢              | ├               | ├        | -        | Н               |  |  |
|          | 117<br>118        | ├  | <del> </del>                                     | ╌  | $\vdash$                            | $\vdash$       |                 |          | -        | Н               |  |  |
|          | 119               | -  | -  | ┢  | -                                   | $\vdash$       |                 |          | $\vdash$ |                 |  |  |
|          | 120               | <del>                                     </del> | ┢  |  | $\vdash$                            | $\vdash$       |                 | $\vdash$ | _        | Н               |  |  |
|          | 120<br>121<br>122 |  | $\vdash$   |  |                                     |                |                 | Г        |          |                 |  |  |
|          | 122               |  |  |  |                                     |                |                 |          |          |                 |  |  |
|          | 123<br>124        | _  |  | L  |                                     |                |                 |          |          |                 |  |  |
|          | 124               | _  | _  | <u> </u>   |                                     | <u> </u>       | _               | _        | Ŀ        |                 |  |  |
|          | 125<br>126        | <del> </del>                                     | -  | -  | <u> </u>                            |                |                 | _        | _        |                 |  |  |
|          | 127               | ⊢  | -  | -  | -                                   |                | -               | -        | _        |                 |  |  |
|          | 128               |  | $\vdash$   | $\vdash$   |                                     |                | $\vdash$        | $\vdash$ | H        | Н               |  |  |
|          | 128<br>129        | -  |  | ┪  | _                                   | $\vdash$       | $\vdash$        | $\vdash$ | $\vdash$ | Н               |  |  |
|          | 130               |  | _  | T  |                                     |                | $\vdash$        |          |          | Н               |  |  |
|          | 131<br>132        |  |  |  |                                     |                |                 |          |          |                 |  |  |
|          | 132               |  |  |  |                                     |                |                 |          |          |                 |  |  |
|          | 133               |  | _  |  |                                     |                |                 |          |          |                 |  |  |
|          | 134               | L  | _  | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>       | L               | <u> </u> | _        | Щ               |  |  |
|          | 135               | $\vdash$   | <u> </u>   | -  | <u> </u>                            | <u> </u>       | <u> </u>        | _        |          | Н               |  |  |
|          | 136<br>137        | $\vdash$   | -  | -  | <u> </u>                            | <u> </u>       | -               | $\vdash$ | H        | Н               |  |  |
|          | 138               | -  | $\vdash$   | $\vdash$   | <u> </u>                            | $\vdash$       | ┝               | -        |          | $\dashv$        |  |  |
|          | 139               | -  | -  | $\vdash$   |                                     | $\vdash$       | $\vdash$        | -        |          | $\vdash$        |  |  |
| $\neg$   | 140               | $\vdash$   | <del>                                     </del> | Ι  | $\vdash$                            | $\vdash$       | $\vdash$        | $\vdash$ | -        | $\dashv$        |  |  |
|          | 141               | $\vdash$   | Т  |  | _                                   |                | Г               |          |          | H               |  |  |
|          | 142               |  |  |  |                                     |                |                 |          |          |                 |  |  |
|          | 143               |  |  |  |                                     |                |                 |          |          |                 |  |  |
|          | 144               |  | L  |  |                                     |                |                 |          |          |                 |  |  |
|          | 145               | L  |  | L  | _                                   |                | <u> </u>        | Щ        |          | $\sqcup$        |  |  |
| $\dashv$ | 146<br>147        | <u> </u>   | _  | H  | -                                   | _              | $\vdash$        | $\vdash$ | _        | $\vdash \vdash$ |  |  |
|          | 148               | -  | <u> </u>   | <u> </u>   | _                                   | _              |                 | $\vdash$ |          | $\vdash \vdash$ |  |  |
|          | 149               | -  | -  | H  | $\vdash$                            | -              | -               | $\vdash$ | -        | $\vdash \vdash$ |  |  |
|          | 150               | -  | -  | Н  | $\vdash$                            | _              | -               | Н        |          | $\vdash \vdash$ |  |  |
|          |                   |  |  |  |                                     |                |                 |          |          |                 |  |  |